

Title (en)

POLYOLEFIN-CONTAINING HOT-MELT ADHESIVES

Title (de)

POLYOLEFINHALTIGE SCHMELZKLEBSTOFFE

Title (fr)

ADHÉSIFS THERMOFUSIBLES CONTENANT DES POLYOLÉFINES

Publication

EP 4007792 A1 20220608 (EN)

Application

EP 20846968 A 20200730

Priority

- US 2020044163 W 20200730
- US 201962881462 P 20190801

Abstract (en)

[origin: WO2021021990A1] A hot melt adhesive uses a blend of polymers having controlled stereoerror and comprises a stereoblock polypropylene comprising a first block having an isotactic index of between about 50% and about 95% and a second block having an isotactic index of between about 5% and 50%, wherein the difference between the isotactic indices of the first block and the second block is at least about 10%. The hot melt adhesive exhibits improved peel and tack properties without compromising shear strength and vice versa.

IPC 8 full level

C08L 23/12 (2006.01); **C09J 123/12** (2006.01); **C09J 123/14** (2006.01)

CPC (source: EP US)

C08L 23/12 (2013.01 - EP); **C09J 7/243** (2017.12 - US); **C09J 7/35** (2017.12 - US); **C09J 123/12** (2013.01 - EP US); **C09J 123/14** (2013.01 - EP); **C09J 191/00** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2021021990 A1 20210204; AU 2020323944 A1 20220210; BR 112022001770 A2 20220322; CA 3147109 A1 20210204; CN 114207014 A 20220318; CN 114207014 B 20231110; EP 4007792 A1 20220608; EP 4007792 A4 20230809; JP 2022543202 A 20221011; MX 2022001034 A 20220302; US 2022325145 A1 20221013

DOCDB simple family (application)

US 2020044163 W 20200730; AU 2020323944 A 20200730; BR 112022001770 A 20200730; CA 3147109 A 20200730; CN 202080055842 A 20200730; EP 20846968 A 20200730; JP 2022504717 A 20200730; MX 2022001034 A 20200730; US 202017641470 A 20200730